

Material Safety Data Sheet (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance/preparation

Product numbers 60322, 60323, 60320, 60321, 60200, 60201, 60202, 60203, 60204, 60205, 60206, 60207, 60420, 60421, 60250, 60251, 60260, 60261

Product names Fuse-It-B^{IR}, Fuse-It-B^G, Fuse-It^{green}, Fuse-It^{red}, Fuse-It^{drd}, Fuse-It^R, Fuse-It-Beads, Fuse-It-MP, Fuse-It-T

Company/Undertaking Identification

Enacted date: Feb 05 2014

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US or Canada:
+1-800-424-9300
International:
+1-703-527-3887

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2. COMPOSITION AND INGREDIENTS INFORMATION

Reagent	Weight %	CAS #	EINECS #
Water	> 50	7732-18-5	231-791-2
neutral lipid		4235-95-4	224-193-8
pos. charged lipid		132172-61-3	

Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive 1999/45/EC.

For detailed information see the MSDS of the pure components listed in the table.

3. HAZARDS IDENTIFICATION

There is at present no information or indication of hazardous properties. We recommend handling all chemicals with caution.

Classification

NFPA ratings (scale 0 - 4)

Health = 0
Fire= 0
Reactivity = 0

WHMIS-ratings (scale 0 – 4)

Health = 0
Fire= 0
Reactivity = 0

Indication of danger:

Not hazardous.

Information concerning particular hazards for humans and environment:

No data available.

Potential Acute Health Effects:

No data available. Lipids are not a regulated hazardous material.

4. FIRST-AID MEASURES

Eye Contact:

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact:	Wash off immediately with plenty of water. If symptoms persist, call a physician.
Inhalation:	If inhaled, supply fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention in case of complaints. If symptoms persist, call a physician.
Ingestion:	If swallowed, wash out mouth with water if person is conscious. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Remove contaminated clothing. Get medical attention if symptoms persist.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases	Dangerous decomposition is not anticipated.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.
Notes to physician	Treat symptomatically.
Flammability of the Product:	Not applicable.
Fire Hazards in Presence of Various Substances:	N/a.
Explosion Hazards in Presence of Various Substances:	N/a.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for cleaning up:	Mop up or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading decontaminant on the contaminated surface and dispose of according to local and regional authority requirements. Ventilate the area.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
Storage:	Keep in properly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	
Engineering measures	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal protective equipment	
<u>Respiratory Protection</u>	In case of insufficient ventilation wear suitable respiratory equipment.
<u>Hand protection</u>	Impervious gloves.
<u>Eye protection</u>	Safety glasses with side-shields.
<u>Skin and body protection</u>	Lightweight protective clothing.
<u>Hygiene measures</u>	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	Liquid.
Colour:	Blue or red by addition of labelling dye.
Odour:	Odourless.
Change in condition:	Melting point/Melting range: Undetermined. Boiling point/Boiling range: Undetermined
Flash point:	No data available.
Self-igniting:	Product is not self-igniting.
Density at 20°C:	Approximately 1g/cm ³ .
Solubility:	Suspension in water, fully miscible in organic solvent.
Oxidizing properties:	Substance does not have any oxidizing properties.
pH-value at 20°C:	7.4
Danger of explosion:	Product does not present an explosion hazard

10. STABILITY AND REACTIVITY

Stability:	The product is stable.
Materials to avoid:	No information available.
Hazardous decomposition products:	No dangerous decomposition products known.
Polymerization:	Hazardous polymerization does not occur.
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Dangerous reactions:	No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Intoxication has so far not become known.
Principle Routes of Exposure/ Potential Health Effects	
<u>Eyes</u>	No information available. No irritant effect
<u>Skin</u>	No information available. No irritant effect
<u>Inhalation</u>	No information available.
<u>Ingestion</u>	No information available.
Specific Effects	(Long Term Effects)
<u>Carcinogenic effects</u>	No information available.
<u>Mutagenic effects</u>	No information available.
<u>Reproductive toxicity</u>	No information available.
<u>Sensitisation</u>	No information available. No sensitizing effects known.
Target Organ Effects	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects:	No information available.
Mobility:	No information available.

13. DISPOSAL CONSIDERATION

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Product is not hazardous to ship.

ADR/RID/GGVSE Land Transport ADR/RID class: -
(cross-border):

IMDG-Code/GGVSee Maritime Transport: IMDG Class: -
Marine pollutant: No

ICAO-TI and IATA-DGR Air Transport: ICAO/IATA Class: Not restricted

Not classified as dangerous in the meaning of transport regulations.

Proper shipping name -

Hazard Class -

Subsidiary Class -

Packing group -

UN-No -

DOT (Department of Transportation): Not a hazardous material for DOT shipping (United States).

15. REGULATORY INFORMATION

R-phrase(s) -

S-phrase(s) -

EU regulations: This products has not to be labelled in accordance with EEC directive 67/548 and 99/45.

US Regulations: ICAO/IATA Class: Not restricted

U.S. CERCLA/SARA/TSCA Regulatory Information: The following chemicals are listed under the following TSCA/SARA/CERCLA lists. Refer to TSCA regulation if you need a definition for acronyms that may be shown in the TSCA Inventory field in the table below: -

U.S. Clean Air Act (CAA): The following chemicals are listed under the following CAA lists: -

U.S. Clean Water Act (CWA)/ California Proposition 65: The following chemicals are listed under the CWA and/or California Proposition 65: -

Canadian Regulations:

Canada DSL Inventory List: This product does not comply with DSL.

Canada NDSL Inventory List: This product does not comply with NDSL.

16. OTHER INFORMATION

The above information is believed to be correct to the best of our knowledge and information but does not purport to be all inclusive and shall be used only as a guide. This product is intended to be used by expert persons having chemical knowledge and skill, at their own discretion and risk and ibidi or the distributor shall not be held liable for any damage resulting from handling or from contact with the above material.

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